**The Empire State Building:**  
<[Huge Empire State Opens This Week.pdf](http://bronx-institute-saturday-academy.wikispaces.com/space/showimage/Huge%20Empire%20State%20Opens%20This%20Week.pdf) Roseannie  
<[Smith Lays Stone for Tallest Tower.pdf](http://bronx-institute-saturday-academy.wikispaces.com/space/showimage/Smith%20Lays%20Stone%20for%20Tallest%20Tower.pdf) Roseannie  
<[Smith Skyscraper Has a Novel Design.pdf](http://bronx-institute-saturday-academy.wikispaces.com/space/showimage/Smith%20Skyscraper%20Has%20a%20Novel%20Design.pdf) Eduardo  
<[Tallest Tower Built in Less than a Year.pdf](http://bronx-institute-saturday-academy.wikispaces.com/space/showimage/Tallest%20Tower%20Built%20in%20Less%20than%20a%20Year.pdf) Jonathan  
<[Throngs Inspect Tallest Building.pdf](http://bronx-institute-saturday-academy.wikispaces.com/space/showimage/Throngs%20Inspect%20Tallest%20Building.pdf) Jonathan  
"Building of the Empire State, The Skyscraper Museum, 1 October 1998 -- 1 September 1999" from Journal of the Society of Architectural Historians, vol. 59 no. 2 (June 2000), pp. 237-240.  
<http://www.jstor.org.memex.lehman.cuny.edu:2048/sici?sici=0037-9808(2000)59:2%3C237:BTES%3E2.0.CO;2-> All

**Tallest Tower Build in Less Than a Year**

*-The Empire State was build a year a head of schedule from the time of the setting of the first column, according to Colonel W. A. Starrett of Starrett Brothers & Eken, the constructors.*

*-On Oct. 1, 1929, former governor Smith and other officials of Empire State, inc., participated in exercises marking the beginning of demolition work on the old Waldorf-Astoria Hotel, which formerly occupied the site, and workmen began tearing away Peacock Alley, promenade of many distinguished guests.*

*-The first steel columns were set on April 7, 1930*

*-25 weeks later (nearly two weeks ahead of schedule) the last of the 57,000 tons of steel had been topped out on the eighty-fifth floor.*

*-On Sept. 19, 1930.*

*-Workmen cheered as a flag was placed on top of the edifice of the 85th floor standing 1,050 feet above Fifth Avenue.*

*-The cornerstone had been laid tan days earlier.*

*-Above the sixth floor stone setting and outside wall construction proceeded at the rate of a story a day*

*- at the height of activity in September, 1030, the walls on the upper floors were set at the rate of fourteen stories in ten days.*

*-The project’s cost was going to be very expensive so elaborated plans were made for the structure might be completed in less time than ordinarily is required for a building half as high.*

*-Shortly after the first of the steel frame was set, Stonework on the lower floors began.*

*-At the peak of the operation there were 3,400 men at work on the building.*

1. **Beginning of the Empire State Construction**
   1. **Oct. 1, 1929, former governor Smith and other officials of Empire State, inc., participated in exercises marking the beginning of demolition work on the old Waldorf-Astoria Hotel**
      1. **The hotel formally occupied the site.**
      2. **Workmen began tearing away Peacock Alley, promenade of many distinguished guests.**
      3. **The first steel columns were set on April 7, 1930.**
   2. **Shortly after the first of the steel frame was set, Stonework on the lower floors began.**
   3. **At the peak of the operation there were 3,400 men at work on the building.**
2. **Finished Construction of the Empire State Building.**
   1. **On Sept. 19, 1930.**
      1. **25 weeks later (nearly two weeks ahead of schedule) the last of the 57,000 tons of steel had been topped out on the eighty-fifth floor.**
         1. **The project’s cost was going to be very expensive so elaborated plans were made for the structure might be completed in less time than ordinarily is required for a building half as high.**
      2. **Workmen cheered as an American flag was placed on top of the edifice of the 85th floor standing 1,050 feet above Fifth Avenue.**
      3. **The cornerstone had been laid tan days earlier.**

**Throngs Inspect Tallest Building**

*-The Empire State Building had a cost of $52,000,000.*

*-Opening day:*

*-The building opened at 9 o’clock despite the rain and the poor visibility, the observatory above the eighty-fifth floor drew chief interest.*

*-Marble lobby attracted attention.*

*-The roof will be opened from 10 A.M. to 11:30 P.M.*

*-According to H. Hamilton Weber (rental manager) said that several tenants already have moved in and others will take up large space.*

*-E. I. du Pont de Nemours & Co. are occupying three floors and full floors have been taken by Starrett Brothers & Eken. Contractors, and by subsidiaries of the United States Luncheon Club, of which Alfred E. Smith is president, will occupy the 21 floor.*

*-Many construction records were broken in the erection of the building, revealed Colonel W. A. Starrett in a foreword to a collection of drawings by Vernon Howe Bailey showing progress of construction, issued yesterday.*

*-The amount of steel, 57,000 tons exceeded that required for any other building of its type.*

*-In addition, 300 tons of noncorrosive crome-nickel steel and 450 tons of aluminum were required for the window trim and spandrels which give the building a striking effect.*

*-building contains 2,158,000 feet of rentable space and 37,000,000 cubic feet of space, weighs about 303,000 tons.*

*-About 200,000 cubic feet of Indiana limestone and 10,000,000 common bricks were used.*

*-There are 6,400 windows and 17,000,000 feet of telephone and telegram wore.*

*-For heating, about 100,000,000 of street steam will be required each season and 40,000,000 pounds yearly for ventilation.*

1. **The Empire State Building**
   1. **Many construction records were broken in the erection of the building, revealed Colonel W. A. Starrett in a foreword to a collection of drawings by Vernon Howe Bailey showing progress of construction, issued yesterday.**
      1. **The amount of steel, 57,000 tons exceeded that required for any other building of its type.**
      2. **In addition, 300 tons of noncorrosive crome-nickel steel and 450 tons of aluminum were required for the window trim and spandrels which give the building a striking effect.**
   2. **The Empire State Building had a cost of $52,000,000.**
      1. **building contains 2,158,000 feet of rentable space and 37,000,000 cubic feet of space, weighs about 303,000 tons.**
      2. **About 200,000 cubic feet of Indiana limestone and 10,000,000 common bricks were used.**
      3. **There are 6,400 windows and 17,000,000 feet of telephone and telegram wore.**
      4. **For heating, about 100,000,000 of street steam will be required each season and 40,000,000 pounds yearly for ventilation.**
2. **Opening day**
   1. **The building opened at 9 o’clock despite the rain and the poor visibility, the observatory above the eighty-fifth floor drew chief interest.** 
      1. **The roof will be opened from 10 A.M. to 11:30 P.M.**
   2. **Marble lobby attracted attention.**
3. **Occupied Space**
   1. **E. I. du Pont de Nemours & Co. is occupying three floors**
   2. **Full floors have been taken by Starrett Brothers & Eken. Contractors, and by subsidiaries of the United States Luncheon Club, of which Alfred E. Smith is president, will occupy the 21 floor.**

**Documentary:** [www.PBS.org](http://www.PBS.org)

***The Empire State Building***

***-****Midtown corner of 31st street: daring corner*

*-Opening day 1931*

*-Governor Franklin D Roosevelt.*

*-Great edifice.*

*-Tower never lived to his expectation.*

*-Commercial failure, opening day only was able to rent less than 30%.*

*36 floors empty. Empty state building*

*-It was not in the center of the central business (Grand Central Zone)*

*-Lonely dinosaur-midtown-tallest mountain-tallest tower-King Kong’s leery.*

*-Most romantic, airships.*

*-Never made 4th Street.*

*-The Empire State Building-center of the island and shows you the way, emotional reaction.*

*-Cimetracal, magic terrace able to look up.*

*-Lantern; Light house of the city, light house of commerce, like in Ancient Egypt.*

*-Supreme expression to shape their world.*

*-The Great Depression affected people a lot.*

*-1931 crash; everything had changed, lost city due to melancholy state. Lonely and inexplicable grows the Empire State Building. It was a magnificent tower. Pandora’s Box: Full of pride and looked in dismay at its limits. It was a lonely building.*

*-Scot Fitzgerald*

***The Chrysler Building***

*-Stock Market broke records, 2 million shares.*

*-Boom; a lot of capital and office space. It was a 1929 a culture of pure speculation.*

*John Jacob Rasco.*

*-The wealth of the country was going to increase at an alarming rate.*

*-Millions of dollars were on the street.*

*-Spring of 1929, Walter Chrysler introduced a new plan for making the world’s tallest building against the Woolworth Building.*

*-The Chrysler Building made a Monel, stainless steel, was pushed up. Oct. 16 made the building triumphant. It was taller than the Woolworth Building and taller than the Eiffel Tower.*

*-The Irony of the Chrysler Building was that it maintained the title of World’s tallest building for only a few months even after the Spire was made.*

*-Oct 27 1929.*

*-Stock Exchange: The Crash Exchange occurred. People were losing money.*

*-They thought that the U.S was going to be eternally great. Stock Markets fell.*

*-It was going to take 15 years for the Stock Market to fully recover.*

**Building of the Empire State, the Skyscraper Museum.**

*-On the first day of May1931, the Empire State Building stood finished and gleaming in aluminum spandrels and limestone panels.*

*-*